

**AMENDMENTS TO THE SPECIFICATION:**

**Please amend the specification as follows:**

**At page 18, third full paragraph (U.S. Publication paragraph [0061]):**

Here, the method of calculating the optimal complex weights  $W_0$  to  $W_2$  will be explained. To calculate the optimal complex weights  $W_0$  to  $W_2$ , an error power minimizing algorithm such as an LMS (Least Mean Square error) and RLS (Recursive Least Square).

For example, the LMS is expressed as shown in the following expression (2):

$$W_i = W_i + \mu \cdot E(t) \cdot R(t-nT) \quad (i = 0, 1, 2) \quad \dots \quad (2)$$

$$W_n = W_n + \mu \cdot E(t) \cdot R(t-nT) \quad \dots \quad (2)$$

**At pages 19-20, bridging paragraph (U.S. Publication paragraph [0065]):**

This embodiment describes the 3-tap configuration with a delay unit interval of  $nT$ , but as far as there are at least two taps, the number of taps causes no problem in terms of configuration. Normally, it is desirable to have a time corresponding to approximately  $1/2$  symbol as the delay unit interval  $nT$ . However, a similar effect can be expected from an  $nT$ , which is not smaller than  $1/8$  symbol  ~~$1/8$  sample~~ and not greater than  $1/2$  symbol.